

Notice of Allowability

Application No.

09/838,077

Applicant(s)

LUNA ET AL.

Examiner

David Lazaro

Art Unit

2155

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed 12/29/2005.
2. ☒ The allowed claim(s) is/are 6, 7, 14-16, 28, 29, 31, 33, 34.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.


THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- ☐ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 12/29/05
- ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
- ☒ Examiner's Amendment/Comment
- ☒ Examiner's Statement of Reasons for Allowance
- ☐ Other _____


SALEH NAJJAR
SUPERVISORY PATENT EXAMINER


David Lazaro
March 14, 2006

EXAMINER'S AMENDMENT

1. Claims 6, 7, 14-16, 28, 29, 31, 33 and 34 are pending.
2. Claims 6, 7, 14-16, 28, 29, 31, 33 and 34 are allowed.
3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Jordan Becker on 03/13/2006.

The application has been amended as follows:

Please amend claims 6, 14 and 29 as indicated by the attached amendment.

4. The following is an examiner's statement of reasons for allowance: The primary reason for allowance is the inclusion of the following limitations as a whole in methods and a proxy server directed towards providing a proxy based service to a mobile communications device and for a mobile communications device accessing an on-line service provided by a network server:

"receiving a request from the mobile communications device to access the proxy server based service, the request received on a first connection between the proxy server and the mobile communications device;

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processing the request to access the proxy server based service; and sending a result of said processing the request to access the proxy server based service to the mobile communications device for forwarding to a network server via a secure connection established between the mobile communications device and the network server, the secure connection having been established by tunneling through the proxy server, wherein the secure connection is independent of the first connection.” (From claim 6, similar limitations in claims 14 and 29)

and

“establishing a second connection between the mobile communications device and a network server, wherein the second connection is a secure connection that co-exists with the first connection, wherein the secure connection is established by encryption and tunneling through the proxy server; sending a request for information from the mobile communications device to the network server via the secure connection; receiving a reply to the request at the mobile communications device from the network server, the reply being indicative of additional information required by the network server to process the request; using the first connection to access the proxy server based service, the service being able to provide the additional information; receiving the additional information at mobile communications device from the proxy server via the first connection; and sending a second request from the mobile communications device to the network

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server via the second connection therewith, the second request including the additional information.”(From Claim 28)

and

“maintaining a first connection between the proxy server and the mobile communications device; maintaining a second connection between the mobile communications device and a network server concurrently with maintaining the first connection, wherein the second connection is a secure connection implemented by a tunnel through the proxy server; receiving at the proxy server, via the first connection, a first request from the mobile communications device to access a service provided by the proxy server, the request being for information required by the network server to allow the network server to service a second request previously sent by the mobile communications device to the network server via the second connection;” (From Claim 33).


These limitations are not found in the prior art, nor are they obvious in view of the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David Lazaro whose telephone number is 571-272-3986. The examiner can normally be reached on 8:30-5:00 M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached on 571-272-4006. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


David Lazaro
March 14, 2006


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SUPERVISORY PATENT EXAMINER

6. (Currently amended) A method for a proxy server to provide a proxy server based service to a mobile communications device, the method comprising:

receiving a request from the mobile communications device to access the proxy server based service, the request received on a first connection between the proxy server and the mobile communications device;

processing the request to access the proxy server based service; and

sending a result of said processing the request to access the proxy server based service to the mobile communications device for forwarding to a network server via a secure connection established between the mobile communications device and the network server, the secure connection having been established by tunneling through the proxy server, wherein the secure connection is independent of the first connection.

14. (Currently amended) A proxy server comprising:

a processor; and

a memory device, having stored therein a code, which when executed by the processor causes the proxy server to:

receive a request from a mobile communications device to access a proxy server based service on a first connection between the proxy server and the mobile communications device;

process the request to access the proxy server based service; and

send a result of said processing the request to access the proxy server based service to the mobile communications device for forwarding to a network server via a secure connection established between the mobile communications device and the network server, the secure connection having been established by tunneling through the proxy server, wherein the secure connection is independent of the first connection.

29. (Currently amended) A method for a proxy server to provide a proxy based service to a mobile communications device, the method comprising:

receiving at the proxy server a request from the mobile communications device to access the proxy server based service on a first connection between the proxy server and the mobile communications device;

processing the request in the proxy server by generating a response including information provided by the proxy server based service, the information being required by a network server to service a request sent by the mobile communications device via a secure connection between the mobile communications device and the network server, the secure connection having been established by encryption and tunneling through the proxy server, wherein the secure connection is independent of the first connection; and

sending the response to the mobile communications device.